

## ABSTRACT

A QPSK demodulation circuit 421 QPSK-demodulates an inputted TS and outputs it to an error correction circuit 422. The error correction circuit 422 corrects the inputted signal and outputs it to a network information (NIT) conversion circuit 423. The NIT conversion circuit 423 replaces the NIT for CS waves with NIT for cable TV and outputs it to a QAM demodulation circuit 424. The QAM demodulation circuit 424 QAM-demodulates the inputted signal and outputs it to a frequency conversion circuit 425. The frequency conversion circuit 425 converts the frequency of the inputted signal into a predetermined value and outputs the signal to a signal mixer.